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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/003,046	12/06/2001	Hajime Sakai	L7016.01143	4958

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EXAMINER

DOAN, KIET M

ART UNIT

PAPER NUMBER

2683

DATE MAILED: 07/16/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

# Office Action Summary

Application No.

10/003,046

Applicant(s)

SAKAI ET AL.

Examiner

Kiet Doan

Art Unit

2683

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

## Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

- 1) ☒ Responsive to communication(s) filed on 12/06/2001.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

## Disposition of Claims

- 4) ☒ Claim(s) 1-15 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-15 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

## Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some \* c) ☐ None of:
- 1) ☒ Certified copies of the priority documents have been received.
  - 2) ☒ Certified copies of the priority documents have been received in Application No. 2000397682.
  - 3) ☒ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

## Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_

## DETAILED ACTION

### *Drawings*

The drawings were received on 12-06-2001 and have been reviewed by the draftsperson and examiner.

### ***Claim Rejections - 35 USC § 102***

The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in a patent granted on an application for patent by another filed in the United States before the invention thereof by the applicant for patent, or on an international application by another who has fulfilled the requirements of paragraphs (1), (2), and (4) of section 371(c) of this title before the invention thereof by the applicant for patent.

1. **Claims 1 and 2**, are rejected under 35 U.S.C. 102(e) as being anticipated by Peterson et al. (patent No. 6,728,546).

Consider **claim 1**, Peterson teaches a cordless telephone system comprising a base unit which accept information services for stationary telephone sets (Col 3, lines 12-24 teach cordless telephone have base unit and service as stationary telephone set) and which transmits and receives various signal via a telephone line (Col 10, Lines 6-8 teach transmits and received signal) and a wireless handset for wireless communication with the base unit telephone (Col 3, lines 24-27 teach wireless handset with base unit) characterized in that the wireless handset displays information which is obtained

through the intermediary of information services for telephone sets through the base unit (Col 3, Lines 35-39, Col 4, Lines 37-45 both teach handset displays information)

Consider **claim 2**, Peterson teaches a cordless telephone system characterized in that the wireless handset solely accepts information services for mobile telephones (Col 9, Lines 50-61 teach handset accepts information services for mobile telephone).

***Claim Rejections - 35 USC § 103***

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

**2. Claims 3, 4, 5, 6, 9, 10,12, 13 and 14** are rejected under 35 U.S.C. 103(a) as being unpatentable over Peterson et al. (Patent No. 6,728,546) as applied to claims **1 and 2**, above, and further in view of Silverbrook et al (Patent No. 6,741,871).

Consider **claim 3**, Peterson teaches all of the claimed limitations as disclosed in claims 1, 2, 8, 11 above but fail to teach a cordless telephone system as characterized in that the base unit comprises printing means for printing various received information,

and information from a information service site obtained through an information service by the wireless handset. In the same field of endeavor, Siverbrook teaches "Mobile Phone With Interactive Printer". Further, Siverbrook teaches a cordless telephone system as characterized in that the base unit comprises printing means for printing various received information (Abstract, Col 2 Lines 50-53, Lines 62-67 teach base unit comprises printing) and information from a information service site obtained through an information service by the wireless handset (Col 4, Lines 65-67, Col 7, Lines 1-8 both teach information services by the wireless handset).

Therefore, it would have been obvious to one of ordinary skill in the art at the time of applicant's invention to include, within Peterson system, mobile printing, as taught by silverbrook to provide for the users easy accept the information services and print out the information.

Consider **claim 4**, Silverbrook further disclosed a cordless telephone system as characterized in that the base unit comprises printing means for printing various information (Abstract, Col 2, Lines 50-53, Lines 62-67 teach base unit comprises printing) and information obtained by the wireless handset by way of information services for telephone sets (Col 2, Lines 54-57 teach wireless handset by way information with telephone set).

Consider **claim 5**, Silverbrook further disclosed a cordless telephone system as characterized in that the base unit comprises printing means for printing various received information (Abstract, Col 2, Lines 50-53, Lines 62-67 teach base unit comprises printing) and information from a information service site through an information service for mobile telephones (Col 4, Lines 65-67, Col 7, Lines 1-8 both teach information services by the wireless handset) which is obtained by the wireless handset and is then transmitted to the base unit ( Col 3, Lines 16-18, Lines 24-27 teach wireless handset transmitted to base unit).

Consider **claims 6 and 14**, Silverbrook further disclosed a cordless telephone system as characterized by interface means for transmitting data to an external equipment having a printing function (Col 2, Lines 48-58 teach transmits data and use netpage system such as external have printing function).

Consider **claim 9**, Silverbrook further disclosed a cordless telephone system as characterized in that the base unit comprises printing means while the cordless telephone system includes compression means for compressing an information signal so as to compress the information signal stored in the memory means before the information signal is transmitted to the wireless handset (Col 7, Lines 1-13 teach information storage and transmitted to wireless handset).

Consider **claims 10 and 13**, Silverbrook further disclosed a cordless telephone system as characterized in that the base unit incorporates printing means for printing information corresponding to the title selected by the operating means in the wireless handset (Col 2 Lines 50-53, Lines 62-67 teach selected print).

Consider **claim 12**, Silverbrook further disclosed a cordless telephone system as characterized by a compression means for compressing information signals so as to compress information signals stored in the memory means before information is transmitted to the wireless handset (Col 6, lines 18-20 teach store information in sim card such as compress information).

3. **Claims 7 and 15** are rejected under 35 U.S.C. 103(a) as being unpatentable over Peterson et al. (Patent No. 6,728,546) in view of Silverbrook et al (Patent No. 6,741,871) as applied above, and further in view of Yoshida et al. (Patent No. 5,021,890).

Consider **claims 7 and 15**, Peterson and Silverbrook are disclosed all the limitation of the invention as explain above but fail to teaches a cordless telephone

system as characterized in that a facsimile function means is used as the printing means. In an analogous art, Yoshida teaches ""Facsimile Communication". Further, Yoshida disclosed a cordless telephone system as characterized in that a facsimile function means is used as the printing means (Col 6, Lines 42-55 teach facsimile function used as printing).

It would have been obvious to one of ordinary skill in the art at the time of applicant's invention to modify Peterson and Silverbrook system, facsimile communication, as taught by Yoshida to provide the print out of the information on paper for the user so that facsimile function means printing.

4. **Claims 8 and 11** are rejected under 35 U.S.C. 103(a) as being unpatentable over Peterson et al. (Patent No. 6,728,546) in view of Silverbrook et al (Patent No. 6,741,871) and Yoshida et al. (Patent No. 5,021,890) further in view of Tsuji et al. (Patent No. 5,752,195).

Consider **claim 8**, Peterson, Silverbrook and Yoshida are teaches the invention but fail to teaches a cordless telephone system comprising a base unit which can receive information via telephone line, and a wireless handset which can communicate with an external telephone through the base unit, characterized in that the base unit comprises; memory means for storing received information automatically added thereto



with a time when the information is obtained, and/or a title, display means for displaying the information stored in the memory means, and transmitting means for wirelessly transmitting information of a title list and information corresponding to a title selected by the wireless handset to the wireless handset; and the wireless handset: receiving means for receiving the information of a title list and the information corresponding to the selected tile from the transmitting means, a display means for displaying the information of a title list and the information corresponding to the selected title, which are received, operating means for selecting one of titles in the title list which is displayed on the display means; and a transmitting means for transmitting the information of the title selected by the operating means, to the base unit.

In analogous art, Tsuji teaches "Cordless Telephone Terminal". Further, Tsuji disclosed a cordless telephone system comprising a base unit which can receive information via telephone line (Col 2, Lines 26-27. Col 3, Lines 26-31 teach base unit received information incoming telephone) and a wireless handset which can communicate with an external telephone through the base unit (Col 2, Lines 13-17 teach wireless handset can communicate to external telephone) characterized in that the base unit comprises; memory means for storing received information automatically added thereto with a time when the information is obtained, and/or a title (Col 10, Lines 45-53, Col 11, Lines 6-7 No. 2 and 3 teach memory/storage information) display means for displaying the information stored in the memory means (Col 2, lines 1-7 teach display information) and transmitting means for wirelessly transmitting information of a

title list and information corresponding to a title selected by the wireless handset to the wireless handset (Col 2, Lines 51-60 teach transmitting information selectively) and the wireless handset: receiving means for receiving the information of a title list and the information corresponding to the selected tile from the transmitting means (Col 5, Lines 49-57 teach receiving information selectively) a display means for displaying the information of a title list and the information corresponding to the selected title, which are received (Col 10, Lines 30-35, 60-67 teach display information) operating means for selecting one of titles in the title list which is displayed on the display means (Col 10, Lines 50-59. Col 11, Lines 24-37 teach operating selectively on the display) and a transmitting means for transmitting the information of the title selected by the operating means, to the base unit (Col 5, Lines 49-57 teach transmitting information selectively).

Therefore, it would have been obvious at the time that the invention was made that person having ordinary skill in the art to include, within Peterson and Silverbrook system, cordless telephone terminal, as taught by Tsuji to provide the users aware of any information that received.

Consider **claim 11**, Tsuji further disclosed a cordless telephone system comprising a base unit for receiving information via a telephone line (Col 2, Lines 26-27, Col 3, Lines 26-31 teach base unit received information incoming telephone) and a wireless handset for communicating with an external telephone through the base unit (Col 2, Lines 13-17 teach wireless handset can communicate to external telephone)

characterized in that the base unit comprises; number memory means for storing telephone numbers (Col 10, Lines 45-53. Fig. 8a teach store/save phone number) memory means for storing the received information (Col 11, Lines 6-7, No.2 Fig. 7 teach store/save information) and transmitting means for wirelessly transmitting the received information to the wireless handset (Col 2, Lines 51-56 teach receiving information) and the wireless handset comprises: receiving means for receiving the information transmitted from the transmitting means (Col 4, Lines 63-67, Col 5, Lines 1-11 teach receiving information) display means for displaying an image on the basis of the received information (Col 4, Lines 25-28, Fig.1 No. 16 teach display show information) and operating means for instructing a forwarding operation, wherein a telephone number stored in the number memory means is selected by operating the wireless handset (Col 10, Lines 45-47 and 51-53, Fig. 8a teach store/save number) and the information stored in the memory means in the base unit is selected so that the base unit transmits the selected information to an external telephone corresponding to the selected telephone number or a facsimile device (Col 9, Lines 1-13 teach information store and transmits to external line ).

### ***Conclusion***

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure:

1. Peterson et al. U.S Patent No. 6,728,546
2. Silverbrook et al. U.S Patent No. 6,741,871
3. Yoshida et al. U.S Patent No. 5,021,890
4. Berland U.S Patent No. 5,509,050
5. Dervarics U.S Patent No. 6,553,240
6. Yang U.S Patent No. 6,615,049
7. Tsuji et al. U.S Patent No. 5,752,195

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kiet Doan whose telephone number is 703-305-4749.

The examiner can normally be reached on 8am - 5pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, William Trost can be reached on 703-308-5318. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Kiet Doan  
Patent examiner  
07/06/2004



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